

10 September 1993

LIQUID FUELS SYSTEM MAINTENANCE

1. **Objective.** As prescribed in AFI 38-201, Determining Manpower Requirements (formerly AFR 8-10), this Air National Guard Manpower Standard (ANGMS) quantifies the manpower requirement to accomplish the tasks described in the work center description (WCD) for varying levels of workload volume.
2. **Authority.** The 85-series of Air National Guard (ANG) directives contain ANG policy and procedural guidance for the Liquid Fuels System Maintenance function. This ANGMS has been developed in accordance with procedures contained in AFI 38-201 (formerly AFR 25-5, 16 May 1988). This ANGMS is the result of a Functional Review study.
3. **Applicability.** This standard applies to all Air National Guard KC-135 Tanker Units. This standard applies to peacetime operations only.
4. **Standard Data:**
 - a. **Classification.** Type III.
 - b. **Approval Date.** 10 Dec 91.
 - c. **Manpower Data Source.** Staffing Pattern.
 - d. **Standard Man-Hour Equation.** $Y = 1$
 - e. **Workload Factor.** Not Applicable.
5. **Application Instructions.** This work center requires a constant manpower authorization of one. No other application instructions apply.
6. **Statement of Conditions:**
 - a. There were no general conditions (environmental, equipment, or facility) which had an impact on the development or application of this manpower standard.
 - b. There were no approved enhancements that impacted the manpower equation or this work center.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

PHILIP G. KILLEY
Major General, USAF
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OFFICIAL

E. DARDEN BAINES
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2 Attachments
1. Work Center Description
2. Standard Manpower Table

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WORK CENTER DESCRIPTION**Liquid Fuels System Maintenance****DIRECT:****1. TANK MAINTENANCE:**

1.1. PERFORMS RECURRING MAINTENANCE. Performs external inspection, testing, adjusting, minor corrosion control (touch-up coating or painting), and similar task.

1.1.1. MAINTAINS EXTERIOR OF FLOATING ROOF PONTOON TYPE (OPEN OR COVERED TOP) BULK STORAGE TANK.

1.1.2. MAINTAINS EXTERIOR OF CONE ROOF (FIXED ROOF) BULK STORAGE TANK.

1.1.3. MAINTAINS EXTERIOR OF CONE ROOF WITH FLOATING PAN BULK STORAGE TANK.

1.1.4. MAINTAINS EXTERIOR OF ABOVE GROUND HORIZONTAL BULK STORAGE TANK.

1.1.5. MAINTAINS EXTERIOR OF BELOW GROUND BULK STORAGE TANK.

1.1.6. MAINTAINS EXTERIOR OF ABOVE GROUND OPERATING TANK.

1.1.7. MAINTAINS EXTERIOR OF BELOW GROUND OPERATING TANK.

1.2. PERFORMS NONRECURRING MAINTENANCE. Performs evaluation, prepares system for work, accomplishes maintenance, and tests as necessary.

1.2.1. PERFORMS INTERIOR TANK MAINTENANCE:

1.2.1.1. MAINTAINS INTERIOR OF ABOVE GROUND AVIATION FUEL BULK STORAGE TANK:

1.2.1.1.1. INSPECTS INTERIOR BY PHYSICAL ENTRY:

1.2.1.1.1.1. INSPECTS TANK WITHOUT COATING AND FILTER-SEPARATOR.

1.2.1.1.1.2. INSPECTS TANK WITH COATING OR FILTER-SEPARATOR.

1.2.1.1.1.3. INSPECTS TANK WITH COATING AND FILTER-SEPARATOR.

1.2.1.1.2. CLEANS INTERIOR OF COATED TANK, IF REQUIRED, AFTER INSPECTION.

1.2.1.1.3. CLEANS INTERIOR OF UNCOATED TANK, IF REQUIRED, AFTER INSPECTION.

1.2.1.1.4. REPAIRS FLOATING ROOF CENTER DRAIN ASSEMBLY AFTER INSPECTION OR CLEANING.

1.2.1.1.5. REPAIRS LEAK AFTER INSPECTION OR CLEANING.

1.2.1.1.6. REPAIRS FLOATING ROOF OR PAN SEAL ASSEMBLY AFTER INSPECTION OR CLEANING.

1.2.1.1.7. REPLACES FLOATING ROOF OR PAN SEAL ASSEMBLY AFTER INSPECTION OR CLEANING.

1.2.1.2. MAINTAINS INTERIOR OF BELOW GROUND AVIATION FUEL BULK STORAGE TANK:

1.2.1.2.1. INSPECTS INTERIOR BY PHYSICAL ENTRY:

1.2.1.2.1.1. INSPECTS TANK WITHOUT COATING AND FILTER-SEPARATOR.

1.2.1.2.1.2. INSPECTS TANK WITH COATING OR FILTER-SEPARATOR.

1.2.1.2.1.3. INSPECTS TANK WITH COATING AND FILTER-SEPARATOR.

- 1.2.1.2.2. CLEANS INTERIOR OF COATED TANK, IF REQUIRED, AFTER INSPECTION.
- 1.2.1.2.3. CLEANS INTERIOR OF UNCOATED TANK, IF REQUIRED, AFTER INSPECTION.
- 1.2.1.2.4. REPAIRS LEAK AFTER INSPECTION OF CLEANING.
- 1.2.1.3. MAINTAINS INTERIOR OF ABOVE OR BELOW GROUND AVIATION FUEL OPERATING TANK:
 - 1.2.1.3.1. INSPECTS INTERIOR BY PHYSICAL ENTRY:
 - 1.2.1.3.1.1. INSPECTS TANK WITHOUT COATING AND FILTER-SEPARATOR.
 - 1.2.1.3.1.2. INSPECTS TANK WITH COATING OR FILTER-SEPARATOR.
 - 1.2.1.3.1.3. INSPECTS TANK WITH COATING AND FILTER-SEPARATOR.
 - 1.2.1.3.2. CLEANS INTERIOR OF INTERNALLY COATED TANK, IF REQUIRED, AFTER INSPECTION.
 - 1.2.1.3.3. CLEANS INTERIOR OF UNCOATED TANK, IF REQUIRED, AFTER INSPECTION.
 - 1.2.1.3.4. REPAIRS LEAK AFTER INSPECTION.
- 1.2.1.4. MAINTAINS INTERIOR OF OTHER TANK (NOT AVIATION FUEL STORAGE):
 - 1.2.1.4.1. INSPECTS INTERIOR THROUGH MANWAY OPENING.
 - 1.2.1.4.2. INSPECTS INTERIOR BY PHYSICAL ENTRY.
 - 1.2.1.4.3. CLEANS INTERIOR, IF REQUIRED, AFTER INSPECTION.
 - 1.2.1.4.4. REPAIRS LEAK AFTER INSPECTION.

1.2.2. REMOVES SNOW OR WATER FROM OPEN TYPE FLOATING ROOF TANK.

1.3. PERFORMS TRAVEL:

1.3.1. PERFORMS TRAVEL ASSOCIATED WITH RECURRING MAINTENANCE. Travels to and from job site or from job site to job site.

1.3.2. PERFORMS TRAVEL ASSOCIATED WITH NONRECURRING MAINTENANCE. Travels to and from job site.

2. VALVE MAINTENANCE:

2.1. PERFORMS RECURRING MAINTENANCE. Performs inspection, testing, adjusting, lubrication, bolt tightening, minor corrosion control (touch-up painting), and similar task.

2.1.1. MAINTAINS LUBRICATED PLUG VALVE.

2.1.2. MAINTAINS NONLUBRICATED PLUG VALVE.

2.1.3. MAINTAINS GATE VALVE.

2.1.4. MAINTAINS AUTOMATIC COMBINATION FUELING AND DEFUELING VALVE.

2.1.5. MAINTAINS FUELING VALVE.

2.1.6. MAINTAINS DEFUELING VALVE.

2.1.7. MAINTAINS HIGH LEVEL CONTROL VALVE.

2.1.8. MAINTAINS FLANGED FLOAT CONTROL VALVE.

2.1.9. MAINTAINS HYDRANT ADAPTER OR COUPLER VALVE.

2.1.10. MAINTAINS NONSURGE CHECK VALVE.

2.1.11. MAINTAINS FUEL DISCHARGE VALVE.

2.1.12. MAINTAINS RATE OF FLOW CONTROL VALVE.

2.1.13. MAINTAINS BALL VALVE.

2.1.14. MAINTAINS PRESSURE RELIEF VALVE (50AF-2 OR SIMILAR).

2.1.15. MAINTAINS PRESSURE RELIEF VALVE (SMALL TYPE SPRING ACTUATED).

2.1.16. MAINTAINS COMBINATION DUAL PRESSURE RELIEF SOLENOID SHUT OFF AND CHECK VALVE.

2.1.17. MAINTAINS WATER DRAIN OF WATER DISCHARGE VALVE.

2.1.18. MAINTAINS CHECK VALVE.

2.1.19. MAINTAINS SOLENOID CONTROL VALVE.

2.1.20. MAINTAINS REFUELING HYDRANT CONTROL VALVE.

2.1.21. MAINTAINS REMOTE CONTROL VALVE.

2.2. PERFORMS NONRECURRING MAINTENANCE. Troubleshoots to localize problem, prepares system area for work, accomplishes repair, and tests as necessary.

2.2.1. PERFORMS ON-SITE REPAIR:

2.2.1.1. REPAIRS LUBRICATED PLUG VALVE.

2.2.1.2. REPAIRS NONLUBRICATED PLUG VALVE.

2.2.1.3. REPAIRS GATE VALVE.

2.2.1.4. REPAIRS AUTOMATIC COMBINATION FUELING AND DEFUELING VALVE.

2.2.1.5. REPAIRS FUELING VALVE.

2.2.1.6. REPAIRS DEFUELING VALVE.

2.2.1.7. REPAIRS HIGH LEVEL CONTROL VALVE.

2.2.1.8. REPAIRS FLANGED FLOAT CONTROL VALVE.

2.2.1.9. REPAIRS HYDRANT ADAPTER OR COUPLER VALVE.

2.2.1.10. REPAIRS NONSURGE CHECK VALVE.

2.2.1.11. REPAIRS FUEL DISCHARGE VALVE.

2.2.1.12. REPAIRS RATE OF FLOW CONTROL VALVE.

2.2.1.13. REPAIRS BALL VALVE.

2.2.1.14. REPAIRS PRESSURE RELIEF VALVE (50AF-2 OR SIMILAR).

2.2.1.15. REPAIRS PRESSURE RELIEF VALVE (SMALL TYPE SPRING ACTUATED).

2.2.1.16. REPAIRS COMBINATION DUAL PRESSURE RELIEF SOLENOID SHUT OFF AND CHECK VALVE.

2.2.1.17. REPAIRS WATER DRAIN OF WATER DISCHARGE VALVE.

2.2.1.18. REPAIRS CHECK VALVE.

2.2.1.19. REPAIRS SOLENOID CONTROL VALVE.

2.2.1.20. REPAIRS REFUELING HYDRANT CONTROL VALVE.

2.2.1.21. REPAIRS REMOTE CONTROL VALVE.

2.2.2. PERFORMS IN-SHOP REPAIR. Removes, repairs, and reinstalls valve assembly.

2.2.2.1. REPAIRS LUBRICATED PLUG VALVE.

2.2.2.2. REPAIRS NONLUBRICATED PLUG VALVE.

2.2.2.3. REPAIRS GATE VALVE.

2.2.2.4. REPAIRS AUTOMATIC COMBINATION FUELING AND DEFUELING VALVE.

2.2.2.5. REPAIRS FUELING VALVE.

2.2.2.6. REPAIRS DEFUELING VALVE.

2.2.2.7. REPAIRS HIGH LEVEL CONTROL VALVE.

2.2.2.8. REPAIRS FLANGED FLOAT CONTROL VALVE.

2.2.2.9. REPAIRS HYDRANT ADAPTER OR COUPLER VALVE.

2.2.2.10. REPAIRS NONSURGE CHECK VALVE.

2.2.2.11. REPAIRS FUEL DISCHARGE VALVE.

2.2.2.12. REPAIRS RATE OF FLOW CONTROL VALVE.

2.2.2.13. REPAIRS BALL VALVE.

2.2.2.14. REPAIRS PRESSURE RELIEF VALVE (50AF-2 OR SIMILAR).

2.2.2.15. REPAIRS PRESSURE RELIEF VALVE (SMALL TYPE SPRING ACTUATED).

2.2.2.16. REPAIRS COMBINATION DUAL PRESSURE RELIEF SOLENOID SHUT OFF AND CHECK VALVE.

2.2.2.17. REPAIRS WATER DRAIN OR WATER DISCHARGE VALVE.

2.2.2.18. REPAIRS CHECK VALVE.

2.2.2.19. REPAIRS SOLENOID CONTROL VALVE.

2.2.2.20. REPAIRS REFUELING HYDRANT CONTROL VALVE.

2.2.2.21. REPAIRS REMOTE CONTROL VALVE.

2.2.3. REPLACES VALVE. Removes present valve assembly and prepares and fits replacement valve into system.

2.2.3.1. REPLACES LUBRICATED PLUG VALVE.

2.2.3.2. REPLACES NONLUBRICATED PLUG VALVE.

2.2.3.3. REPLACES GATE VALVE.

2.2.3.4. REPLACES AUTOMATIC COMBINATION FUELING AND DEFUELING VALVE.

2.2.3.5. REPLACES FUELING VALVE.

2.2.3.6. REPLACES DEFUELING VALVE.

2.2.3.7. REPLACES HIGH LEVEL CONTROL VALVE.

2.2.3.8. REPLACES FLANGED FLOAT CONTROL VALVE.

2.2.3.9. REPLACES HYDRANT ADAPTER OR COUPLER VALVE.

2.2.3.10. REPLACES NONSURGE CHECK VALVE.

2.2.3.11. REPLACES FUEL DISCHARGE VALVE.

2.2.3.12. REPLACES RATE OF FLOW CONTROL VALVE.

2.2.3.13. REPLACES BALL VALVE.

2.2.3.14. REPLACES PRESSURE RELIEF VALVE (50AF-2 OR SIMILAR).

2.2.3.15. REPLACES PRESSURE RELIEF VALVE (SMALL TYPE SPRING ACTUATED).

2.2.3.16. REPLACES COMBINATION DUAL PRESSURE RELIEF SOLENOID SHUT OFF AND CHECK VALVE.

2.2.3.17. REPLACES WATER DRAIN OR WATER DISCHARGE VALVE.

2.2.3.18. REPLACES CHECK VALVE.

2.2.3.19. REPLACES SOLENOID CONTROL VALVE.

2.2.3.20. REPLACES REFUELING HYDRANT CONTROL VALVE.

2.2.3.21. REPLACES REMOTE CONTROL VALVE.

2.3. PERFORMS TRAVEL:

2.3.1. PERFORMS TRAVEL ASSOCIATED WITH RECURRING MAINTENANCE. Travels to and from job site or from job site to job site.

2.3.2. PERFORMS TRAVEL ASSOCIATED WITH NONRECURRING MAINTENANCE. Travels to and from job site.

3. PUMP MAINTENANCE:

3.1. PERFORMS RECURRING MAINTENANCE. Performs inspection, testing, adjusting, lubrication, bolt tightening, minor corrosion control (touch-up painting), and similar task.

3.1.1. MAINTAINS HORIZONTAL CENTRIFUGAL PUMP.

3.1.2. MAINTAINS HORIZONTAL TURBINE CENTRIFUGAL PUMP.

3.1.3. MAINTAINS ROTARY POSITIVE DISPLACEMENT PUMP.

3.1.4. MAINTAINS RECIPROCATING PUMP.

3.1.5. MAINTAINS DEEP WELL VERTICAL TURBINE PUMP.

3.1.6. MAINTAINS VEHICLE STATION PUMP.

3.1.7. MAINTAINS SUMP PUMP.

3.1.8. MAINTAINS HAND PUMP (PRODUCT RECOVERY SYSTEM).

3.2. PERFORMS NONRECURRING MAINTENANCE. Troubleshoots to localize problem, prepares system for work, accomplishes repair, and tests as necessary.

3.2.1. PERFORMS ON-SITE REPAIR:

3.2.1.1. REPAIRS HORIZONTAL CENTRIFUGAL PUMP.

3.2.1.2. REPAIRS HORIZONTAL TURBINE CENTRIFUGAL PUMP.

3.2.1.3. REPAIRS ROTARY POSITIVE DISPLACEMENT PUMP.

3.2.1.4. REPAIRS RECIPROCATING PUMP.

3.2.1.5. REPAIRS DEEP WELL VERTICAL TURBINE PUMP.

3.2.1.6. REPAIRS VEHICLE STATION PUMP.

3.2.1.7. REPAIRS SUMP PUMP.

3.2.1.8. REPAIRS HAND PUMP (PRODUCT RECOVERY SYSTEM).

3.2.2. PERFORMS IN-SHOP REPAIR. Removes, repairs, and reinstalls pump assembly.

3.2.2.1. REPAIRS HORIZONTAL CENTRIFUGAL PUMP.

3.2.2.2. REPAIRS HORIZONTAL TURBINE CENTRIFUGAL PUMP.

3.2.2.3. REPAIRS ROTARY POSITIVE DISPLACEMENT PUMP.

3.2.2.4. REPAIRS RECIPROCATING PUMP.

3.2.2.5. REPAIRS DEEP WELL VERTICAL TURBINE PUMP.

3.2.2.6. REPAIRS VEHICLE STATION PUMP.

3.2.2.7. REPAIRS SUMP PUMP.

3.2.2.8. REPAIRS HAND PUMP (PRODUCT RECOVERY SYSTEM).

3.2.3. REPLACES PUMP. Removes present pump assembly and prepares and fits replacement pump into system.

3.2.3.1. REPLACES HORIZONTAL CENTRIFUGAL PUMP.

3.2.3.2. REPLACES HORIZONTAL TURBINE CENTRIFUGAL PUMP.

3.2.3.3. REPLACES ROTARY POSITIVE DISPLACEMENT PUMP.

3.2.3.4. REPLACES RECIPROCATING PUMP.

3.2.3.5. REPLACES DEEP WELL VERTICAL TURBINE PUMP.

3.2.3.6. REPLACES VEHICLE STATION PUMP.

3.2.3.7. REPLACES SUMP PUMP.

3.2.3.8. REPLACES HAND PUMP (PRODUCT RECOVERY SYSTEM).

3.3. PERFORMS TRAVEL:

3.3.1. PERFORMS TRAVEL ASSOCIATED WITH RECURRING MAINTENANCE. Travels to and from job site or from job site to job site.

3.3.2. PERFORMS TRAVEL ASSOCIATED WITH NONRECURRING MAINTENANCE. Travels to and from job site.

4. PIPING AND PIPELINE MAINTENANCE:

4.1. PERFORMS RECURRING MAINTENANCE. Performs inspection, testing, pressure testing, hydrostatic pressure testing, bolt tightening, minor corrosion control (touch-up painting), and similar task.

4.2. PERFORMS NONRECURRING MAINTENANCE. Troubleshoots to localize problem, prepares system for work, accomplishes maintenance, and tests as necessary.

4.3. PERFORMS TRAVEL:

4.3.1. PERFORMS TRAVEL ASSOCIATED WITH RECURRING MAINTENANCE. Travels to and from job site or from job site to job site.

4.3.2. PERFORMS TRAVEL ASSOCIATED WITH NONRECURRING MAINTENANCE. Travels to and from job site.

5. OTHER COMPONENT MAINTENANCE:

5.1. PERFORMS RECURRING MAINTENANCE. Performs inspection, testing, adjusting, lubrication, bolt tightening, minor corrosion control (touch-up painting), and similar task.

5.1.1. MAINTAINS HOSE ASSEMBLY.

5.1.2. MAINTAINS FILTER-SEPARATOR.

5.1.3. MAINTAINS METER.

5.1.4. MAINTAINS PRESSURE GAUGE.

5.1.5. MAINTAINS TRUCK FILL STAND SWING JOINT.

5.1.6. MAINTAINS TANK VENT (VACUUM PRESSURE VENT AND BELOW GROUND TANK VENT).

5.1.7. MAINTAINS PANTAGRAPH ASSEMBLY (USED IN HOT REFUELING SYSTEM).

5.1.8. MAINTAINS SELF-CLEANING OR CENTRIFUGAL TYPE FILTER.

5.2. PERFORMS NONRECURRING MAINTENANCE. Troubleshoots to localize problem, prepares system for work, accomplishes maintenance, and necessary testing.

5.2.1. PERFORMS ON-SITE REPAIR:

5.2.1.1. REPAIRS HOSE ASSEMBLY.

5.2.1.2. REPAIRS FILTER-SEPARATOR.

5.2.1.3. REPAIRS STRAINER.

5.2.1.4. REPAIRS SURGE ARRESTER.

5.2.1.5. REPAIRS METER.

5.2.1.6. REPAIRS PRESSURE GAUGE.

5.2.1.7. REPAIRS TRUCK FILL STAND SWING JOINT.

5.2.1.8. REPAIRS AIR ELIMINATOR.

5.2.1.9. REPAIRS EXPANSION JOINT.

5.2.1.10. REPAIRS FLOAT (LOCATED IN FILTER-SEPARATOR, STORAGE TANK, AND AIR ELIMINATOR).

5.2.1.11. REPAIRS SIGHT GLASS (LOCATED ON FILTER-SEPARATOR AND PRODUCT RECOVERY TANK).

5.2.1.12. REPAIRS TANK VENT (VACUUM PRESSURE VENT AND BELOW GROUND TANK VENT).

5.2.1.13. REPAIRS LIQUID LEVEL GAUGE.

5.2.1.14. REPAIRS PANTAGRAPH ASSEMBLY (USED IN HOT REFUELING SYSTEM).

5.2.1.15. REPAIRS SELF-CLEANING OR CENTRIFUGAL TYPE FILTER.

5.2.2. PERFORMS IN-SHOP REPAIR. Removes, repairs, and reinstalls component.

5.2.2.1. REPAIRS HOSE ASSEMBLY.

5.2.2.2. REPAIRS FILTER SEPARATOR.

5.2.2.3. REPAIRS STRAINER.

5.2.2.4. REPAIRS SURGE ARRESTER.

5.2.2.5. REPAIRS METER.

5.2.2.6. REPAIRS PRESSURE GAUGE.

5.2.2.7. REPAIRS TRUCK FILL STAND SWING JOINT.

5.2.2.8. REPAIRS AIR ELIMINATOR.

5.2.2.9. REPAIRS EXPANSION JOINT.

5.2.2.10. REPAIRS FLOAT (LOCATED IN FILTER-SEPARATOR, STORAGE TANK, AND AIR ELIMINATOR).

5.2.2.11. REPAIRS SIGHT GLASS (LOCATED ON FILTER-SEPARATOR AND PRODUCT RECOVERY TANK).

5.2.2.12. REPAIRS TANK VENT (VACUUM PRESSURE VENT AND BELOW GROUND TANK VENT).

5.2.2.13. REPAIRS LIQUID LEVEL GAUGE.

5.2.2.14. REPAIRS PANTAGRAPH ASSEMBLY (USED IN HOT REFUELING SYSTEM).

5.2.2.15. REPAIRS SELF-CLEANING OR CENTRIFUGAL TYPE FILTER.

5.2.3. REPLACES COMPONENT. Removes present component; prepares and fits replacement component into system.

5.2.3.1. REPLACES HOSE ASSEMBLY.

5.2.3.2. REPLACES FILTER SEPARATOR.

5.2.3.3. REPLACES STRAINER.

5.2.3.4. REPLACES SURGE ARRESTER.

5.2.3.5. REPLACES METER.

5.2.3.6. REPLACES PRESSURE GAUGE.

5.2.3.7. REPLACES TRUCK FILL STAND SWING JOINT.

5.2.3.8. REPLACES AIR ELIMINATOR.

5.2.3.9. REPLACES EXPANSION JOINT.

5.2.3.10. REPLACES FLOAT (LOCATED IN FILTER-SEPARATOR, STORAGE TANK, AND AIR ELIMINATOR).

5.2.3.11. REPLACES SIGHT GLASS (LOCATED ON FILTER-SEPARATOR AND PRODUCT RECOVERY TANK).

5.2.3.12. REPLACES TANK VENT (VACUUM PRESSURE VENT AND BELOW GROUND TANK VENT).

5.2.3.13. REPLACES LIQUID LEVEL GAUGE.

5.2.3.14. REPLACES PANTAGRAPH ASSEMBLY (USED IN HOT REFUELING SYSTEM).

5.2.3.15. REPLACES SELF-CLEANING OR CENTRIFUGAL TYPE FILTER.

5.3. PERFORMS TRAVEL:

5.3.1. PERFORMS TRAVEL ASSOCIATED WITH RECURRING MAINTENANCE. Travels to and from job site or from site to job site.

5.3.2. PERFORMS TRAVEL ASSOCIATED WITH NONRECURRING MAINTENANCE. Travels to and from job site.

6. UNIT TRAINING ASSEMBLY (UTA) PREPARATION. Prepares training material to ensure military personnel will meet contingency requirements upon mobilization.

INDIRECT: Indirect work involves those tasks that are not readily identifiable with the work center's specific product or service. The major categories of standard indirect work are Supervision, Administration, Meetings, Training, Supply, Equipment Maintenance, and Cleanup. See AFMS 00AA for the standard indirect description.

STANDARD MANPOWER TABLE											
WORK CENTER/FAC			APPLICABILITY MAN-HOUR RANGE								
Liquid Fuels Systems Maintenance			Y = 1								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
Liquid Fuels Sys Maint.	545X1	CIV	1								
TOTAL			1								
AIR FORCE SPECIALTY TITLE	AFSC	GRADE	MANPOWER REQUIREMENT								
TOTAL											